

**CALIFORNIA
DEPARTMENT OF TRANSPORTATION**

SUMMARY

PRICE INDEX FOR SELECTED HIGHWAY CONSTRUCTION ITEMS

3RD QUARTER ENDING SEPTEMBER 30, 2003

Index this quarter	190.9
Point change from last quarter	+32.9
Percentage changes from last quarter	+20.8%
Index last 12 months	158.4
Point change from previous report	+2.8
Percentage changes from previous report.....	+1.8%

Average number of bidders this quarter	5.3
Change in number of bidders from last quarter	+0.6

NOTE: All information shown in this publication was assembled using 1987 base year.

CALIFORNIA
DEPARTMENT OF TRANSPORTATION
HIGHWAY CONSTRUCTION COST INDEX
3RD QUARTER ENDING SEPTEMBER, 2003

Prepared by Division of Engineering Services - Office Engineer

NOTE: *All information shown in the publication was assembled using 1987 base year*

The California Highway Construction Cost Index for the third quarter of 2003 stands at 190.9, up 32.9 points (20.8 percent) from the second quarter of 2003 index of 158.0. The Index for the year-to-date (October 1, 2002 through September 30, 2003) is 158.4, up 2.8 points (1.8 percent) from the second quarter 2003 year-to-date index of 155.6.

Cost decreases were recorded in Portland Cement Concrete (Structure) and Bar Reinforcing Steel. Cost increases were recorded in Roadway Excavation, Aggregate Base, Asphalt Concrete Pavement, Portland Cement Concrete (Pavement) and Structural Steel.

The average number of bidders per project in the third quarter of 2003 was 5.3, up 0.6 bidder per project as compared to 4.7 for the second quarter of 2003 and up 1.0 as compared to 4.3 for the corresponding quarter in 2002.

The project values which provided the input for the preparation of this quarter's index are distributed as follows:

RANGE			NUMBER OF PROJECTS	%	AMOUNTS OF PROJECTS	%
UP	TO	50,000	0	0	0	0
50,000	TO	100,000	0	0	0	0
100,000	TO	250,000	10	14.71	\$1,754,576	0.36
250,000	TO	500,000	8	11.76	\$2,972,167	0.62
500,000	TO	1,000,000	15	22.06	\$10,959,413	2.28
1,000,000	TO	2,500,000	13	19.12	\$24,291,510	5.04
2,500,000	TO	5,000,000	6	8.82	\$25,747,498	5.35
5,000,000	AND	ABOVE	16	23.53	\$415,743,404	86.35
TOTAL			68	100.00	\$481,468,567	100.00

There were sixteen contracts over \$5,000,000 opened during the third quarter. The Projects include:

1. Surface with Asphalt Concrete in Fresno County in and near Firebaugh on Route 33 from Helm Canal Road to Merced County Line. The low bid of \$5,099,999.00 was submitted by Granite Construction Company.
2. Construct Sound Wall in Los Angeles County in Los Angeles on Route 101 from 0.1 kilometer East of Woodman Avenue Undercrossing to 0.1 kilometer East of Van Nuys Boulevard Undercrossing and at North Hollywood Hub Building and Data/Video Nodes at Sepulveda Boulevard. The low bid of \$5,257,373.40 was submitted by PKB Construction, Incorporated.
3. Replace Bridge in San Bernardino County on Route 40 at Fenner Overhead. The low bid of \$5,420,000.00 was submitted by Kiewit Pacific Company.
4. Overlay with Asphalt Concrete and Upgrade Intersections in Tulare County in and near the Cities of Tulare and Visalia on Route 63 from Route 137 to 0.4 kilometer South of Caldwell Avenue. The low bid of \$6,343,620.00 was submitted by W Jaxon Baker, Incorporated.
5. Rehabilitate Pavement in Fresno County in and near Huron on Route 269 from Kings County Line to Route 198. The low bid of \$6,538,725.00 was submitted by Granite Construction Company.
6. Modify Interchange in Contra Costa and Alameda Counties in San Ramon and Dublin on Route 680 from 0.6 kilometer South to 0.7 kilometer North of Alcosta Boulevard Overcrossing. The low bid of \$6,654,100.65 was submitted by Bay Cities Paving and Grading, Incorporated.
7. Rehabilitate Pavement in Orange County in San Clemente, Dana Point and San Juan Capistrano on Route 5 from El Camino Real Undercrossing to Route 1/5 Separation. The low bid of \$7,343,000.00 was submitted by All American Asphalt.
8. Reconstruct Interchange and Widen Overcrossing in San Bernardino County in Hesperia on Route 15 from 0.8 kilometer South to 0.8 kilometer North of Main Street Overcrossing. The low bid of \$8,537,829.00 was submitted by Yeager Skanska, Incorporated.
9. Upgrade Median Barrier in Marin County in Sausalito, Marin City and Mill Valley on Route 101 from North of Golden Gate Bridge to Route 131 Separation. The low bid of \$8,556,950.00 was submitted by Diablo Contractors, Incorporated.
10. Add Northbound Lane and Modify Interchange in Santa Clara County in San Jose on Route 101 from Brokaw Road Undercrossing to 0.5 kilometer North of De La Cruz Boulevard Overcrossing. The low bid of \$9,017,665.00 was submitted by Pavex Construction Division.
11. Construct Sound Wall in Los Angeles County in Los Angeles on Route 101 from 0.7 kilometer East of Whitsett Avenue Undercrossing to 0.1 kilometer East of Woodman Avenue Undercrossing and at North Hollywood Hub Building and Data/Video Nodes at Sepulveda Boulevard. The low bid was submitted of \$11,184,553.70 by D W Powell Construction, Incorporated.
12. Widen Fourth Street Off-Ramp in the City and County of San Francisco on Route 80 from 0.1

kilometer South of Harriet Street to Fourth Street. The low bid of \$ 17,876,106.00 was submitted by R & L Brosamer, Incorporated.

13. Replace Structure in the City and County of San Francisco from South Van Ness Avenue to Market Street on the Central Freeway. The low bid of \$ 25,534,794.25 was submitted by Proven Management, Incorporated.
14. Widen Freeway and Reconstruct Interchange in Contra Costa County in Pittsburg on Route 4 from 1.7 kilometers West of Railroad Avenue Overcrossing to 0.3 kilometer West of Loveridge Road Overcrossing. The low bid of \$ 30,687,688.50 was submitted by R & L Brosamer, Incorporated.
15. Construct Managed Lanes in San Diego County in San Diego on Route 15 from 0.9 kilometer South of Route 56/15 Separation Overcrossing to 0.1 kilometer North of Camino Del Norte Undercrossing and on Route 56 from 0.5 kilometer West to 0.2 kilometer East of Route 56/15 Separation. The low bid of \$ 51,544,999.50 was submitted by Coffman Specialties, Incorporated.
16. Construct Piers in the City and County of San Francisco on Route 80 at Yerba Buena Island. The low bid of \$ 210,146,000.00 was submitted by Kiewit / F C I / Manson, a Joint Venture.

The Federal Highway Administration Price Trends for Federal-Aid Highway Construction are based on information received for Federal-Aid construction contracts over \$500,000. Effective the first quarter of 1990 the Federal Highway Administration converted their index to 1987=100 base. The composite index for selected construction items the second quarter of 2003 is 154.8, down 6.8 points from 161.6 first quarter of 2003.

The Engineering News-Record's Construction Cost Index average for the third quarter of 2003 is 625.9 up 6.1 points from 619.8 last quarter. Their price index uses a 1967=100 base.

The U. S. Bureau of Labor Statistics' Consumer Price Index average for the third quarter 2003 is 184.6, for U. S. City average of all Urban Consumers, up 0.9 point from 183.7 last quarter. Their Price Index uses a 1982-84=100 base.

The California Highway Construction Cost Indices and the Federal Highway Administration Composite Indices for selected construction items are based on 1987=100 and are shown on the accompanying graph (Exhibit D). The indices plotted are on a yearly average basis, which describes the trends more clearly by smoothing out the fluctuations between the individual quarters.

Construction item costs based on English units.

Roadway Excavation: \$10.68 per cubic yard

The price increased \$5.88 from the average unit price of \$4.80 per cubic yard last quarter. Unit bid prices ranged from \$0.76 to \$1,376.20 per cubic yard.

Aggregate Base: \$14.64 per ton

The price increased \$1.38 from the average unit price of \$13.26 per ton last quarter. Unit bid prices ranged from \$12.07 to \$103.31 per ton.

Asphalt Concrete Pavement: \$49.16 per ton

The unit price increased \$1.92 from the average unit price of \$47.24 per ton last quarter. Unit prices ranged from \$35.38 to \$627.77 per ton.

Portland Cement Concrete (Pavement): \$131.54 per cubic yard

The unit price increased \$55.30 from the average unit price of \$76.24 per cubic yard last quarter. Unit prices ranged from \$118.51 to \$137.62 per cubic yard.

Portland Cement Concrete (Structure): \$415.17 per cubic yard

The unit price decreased \$44.97 from the average unit price of \$460.14 per cubic yard last quarter. Unit prices ranged from \$152.91 to \$1,529.11 per cubic yard.

Bar Reinforcing Steel: \$0.62 per pound

The unit price decreased \$0.11 from the average unit price of \$0.73 per pound last quarter. Unit prices ranged from \$0.45 to \$2.27 per pound.

Structural Steel: \$3.42 per pound

The unit price increased \$1.20 from the average unit price of \$2.22 per pound last quarter. Unit prices ranged from \$0.45 to \$18.14 per pound.

Construction item costs based on Metric units.

Roadway Excavation: \$13.97 per cubic meter

The price increased \$7.69 from the average unit price of \$6.28 per cubic meter last quarter. Unit bid prices ranged from \$1.00 to \$1,800.00 per cubic meter.

Aggregate Base: \$16.14 per tonn

The price increased \$1.53 from the average unit price of \$14.61 per tonn last quarter. Unit bid prices ranged from \$13.31 to \$113.88 per tonn.

Asphalt Concrete Pavement: \$54.19 per tonn

The unit price increased \$2.12 from the average unit price of \$52.07 per tonn last quarter. Unit prices ranged from \$39.00 to \$692.00 per tonn.

Portland Cement Concrete (Pavement): \$172.05 per cubic meter

The unit price increased \$72.33 from the average unit price of \$99.72 per cubic meter last quarter. Unit prices ranged from \$155.00 to \$180.00 per cubic meter.

Portland Cement Concrete (Structure): \$543.03 per cubic meter

The unit price decreased \$58.81 from the average unit price of \$601.84 per cubic meter last quarter. Unit prices ranged \$200.00 to \$2,000.00 per cubic meter.

Bar Reinforcing Steel: \$1.37 per kilogram

The unit price decreased \$0.25 from the average unit price of \$1.62 per kilogram last quarter. Unit prices ranged from \$1.00 to \$5.00 per kilogram.

Structural Steel: \$7.54 per kilogram

The unit price increased \$2.66 from the average unit price of \$4.88 per kilogram last quarter. Unit prices ranged from \$1.00 to \$40.00 per kilogram.

EXHIBIT A

**PRICE INDEX FOR SELECTED
CALIFORNIA CONSTRUCTION ITEMS**
1987 = 100

<u>YEAR</u>	<u>QTRLY</u>	<u>LAST 12 MONTHS</u>	<u>ANNUAL</u>
1972			30.0
1973			31.2
1974			45.6
1975			46.7
1976			47.7
1977			53.7
1978			62.1
1979			80.1
1980			82.1
1981			90.6
1982			81.3
1983			81.9
1984			93.3
1985			92.7
1986			95.0
1987			100.0
1988			104.4
1989			111.3
1990			113.5
1991			108.2
1992			106.8
1993			113.1
1994			119.0
1995			115.0
1996 (1st Quarter)	111.7	116.3	
1996 (2nd Quarter)	119.3	115.7	
1996 (3rd Quarter)	118.2	115.8	
1996 (4th Quarter)	150.9		
1996 (Year)			119.2
1997 (1st Quarter)	157.0	124.7	
1997 (2nd Quarter)	108.2	119.6	
1997 (3rd Quarter)	144.8	125.4	
1997 (4th Quarter)	155.1		
1997 (Year)			124.8
1998 (1st Quarter)	113.0	120.1	
1998 (2nd Quarter)	131.6	130.4	
1998 (3rd Quarter)	162.8	133.3	
1998 (4th Quarter)	126.5		
1998 (Year)			128.6
1999 (1st Quarter)	129.4	133.5	
1999 (2nd Quarter)	140.3	136.4	
1999 (3rd Quarter)	174.5	136.6	
1999 (4th Quarter)	115.2		
1999 (Year)			139.2
2000 (1st Quarter)	162.7	148.1	
2000 (2nd Quarter)	167.6	156.5	
2000 (3rd Quarter)	132.3	144.7	
2000 (4th Quarter)	152.0		
2000 (Year)			146.2
2001 (1st Quarter)	140.1	137.0	
2001 (2nd Quarter)	141.6	134.8	
2001 (3rd Quarter)	167.5	141.6	
2001 (4th Quarter)	183.3		
2001 (Year)			154.1
2002 (1st Quarter)	145.1	157.5	
2002 (2nd Quarter)	129.5	148.4	
2002 (3rd Quarter)	175.5	149.7	
2002 (4th Quarter)	153.7		
2002 (Year)			142.2
2003 (1st Quarter)	188.2	143.2	
2003 (2nd Quarter)	158.0	155.6	
2003 (3rd Quarter)	190.9	158.4	

EXHIBIT B

ENGLISH UNITS CALIFORNIA DEPARTMENT OF TRANSPORTATION AVERAGE HIGHWAY CONTRACT PRICES

	<u>ROADWAY EXCAVATION</u> " 1 "	<u>AGGREGATE BASE</u> PER TON	<u>ASPHALT CONCRETE PAVEMENT</u> PER TON	<u>PCC PAVEMENT</u> PER CU YD	<u>CLASS "A" PCC STRUCTURE</u> PER CU YD	<u>BAR REINFORCING STEEL</u> PER LB	<u>STRUCTURAL STEEL</u> " 2 " PER LB
1972	0.95	3.21	8.22	19.23	82.08	0.159	0.446
1973	0.75	3.14	9.02	19.24	93.60	0.169	0.635
1974	1.26	4.23	13.01	28.59	115.19	0.329	0.987
1975	1.19	4.70	14.24	30.63	132.10	0.239	0.838
1976	1.32	4.70	13.67	29.64	143.05	0.223	0.504
1977	1.76	5.44	15.15	35.17	150.03	0.239	1.228
1978	1.85	6.18	17.70	41.77	180.77	0.276	0.814
1979	2.36	7.49	22.40	52.39	234.24	0.383	1.960
1980	2.10	8.38	25.51	55.18	235.45	0.378	1.942
1981	3.14	8.63	28.53	59.45	226.84	0.386	2.091
1982	2.58	7.56	24.69	57.10	224.72	0.320	2.155
1983	2.10	9.20	27.57	52.04	225.84	0.335	2.155
1984	3.19	13.67	28.38	55.79	238.48	0.375	2.155
1985	2.77	11.55	30.15	64.13	232.39	0.413	2.288
1986	3.01	12.76	28.82	60.49	249.74	0.412	2.388
1987	2.97	17.57	27.54	70.62	280.40	0.418	2.546
1988	4.16	10.13	27.46	58.66	284.55	0.440	3.956
1989	4.19	10.62	29.43	73.78	303.49	0.483	3.103
1990	4.73	12.05	30.77	68.93	295.24	0.469	2.209
1991	3.08	10.07	33.43	62.64	295.21	0.431	2.284
1992	3.62	9.76	32.46	66.78	265.31	0.419	3.073
1993	4.53	9.89	35.41	66.76	243.79	0.464	2.706
1994	4.68	10.39	37.15	66.45	277.92	0.547	2.334
1995	4.10	10.18	35.29	63.85	298.80	0.499	2.266
1996	3.80	9.74	37.66	65.93	321.88	0.512	2.172
1st Quarter 1997	5.79	10.46	39.05	248.72	376.38	0.610	2.050
2nd Quarter 1997	3.80	9.82	34.23	76.68	267.68	0.444	3.418
3rd Quarter 1997	8.23	10.39	38.09	88.50	300.20	0.537	2.220
4th Quarter 1997	8.79	11.82	39.85	76.40	354.50	0.508	2.530
Year 1997	5.25	10.29	36.07	78.48	308.54	0.496	2.337
1st Quarter 1998	4.24	9.37	35.41	66.99	283.64	0.455	1.784
2nd Quarter 1998	4.71	12.13	37.63	89.68	336.27	0.635	2.963
3rd Quarter 1998	8.39	12.41	45.23	101.57	361.63	0.575	2.748
4th Quarter 1998	3.95	12.19	42.82	83.00	318.20	0.519	2.205
Year 1998	4.95	11.55	38.78	75.91	319.95	0.553	2.595
1st Quarter 1999	6.18	11.94	40.06	57.07	276.07	0.523	3.893
2nd Quarter 1999	6.35	12.74	40.62	94.56	331.12	0.485	3.161
3rd Quarter 1999	8.79	13.93	39.80	78.28	479.02	0.643	2.687
4th Quarter 1999	3.24	12.22	39.83	95.85	264.92	0.556	4.624
Year 1999	6.55	12.86	40.14	77.95	321.22	0.521	3.215
1st Quarter 2000	6.32	13.62	43.83	116.91	465.68	0.512	3.370
2nd Quarter 2000	7.55	11.35	45.35	68.11	458.34	0.608	4.477
3rd Quarter 2000	4.52	11.47	44.43	82.34	325.42	0.530	3.106
4th Quarter 2000	8.34	10.20	46.91	73.21	306.83	0.487	2.509
Year 2000	6.21	11.14	45.12	78.14	363.59	0.507	2.754
1st Quarter 2001	3.84	11.25	41.01	69.94	422.47	0.673	5.139
2nd Quarter 2001	5.94	17.61	46.32	103.69	273.57	0.609	3.098
3rd Quarter 2001	8.70	14.39	50.25	60.60	360.93	0.620	4.339
4th Quarter 2001	9.66	13.60	40.00	94.05	504.96	0.599	3.725
Year 2001	5.83	14.58	43.89	75.74	425.17	0.612	3.906
1st Quarter 2002	5.45	11.42	46.47	67.38	388.68	0.497	2.401
2nd Quarter 2002	3.18	13.17	48.50	67.60	346.91	0.498	3.050
3rd Quarter 2002	10.77	12.12	49.56	111.78	317.79	0.545	4.783
4th Quarter 2002	5.40	12.80	50.62	139.49	369.91	0.511	3.262
Year 2002	4.84	12.42	49.00	74.15	363.50	0.508	3.248
1st Quarter 2003	12.45	11.97	49.97	122.74	340.54	0.504	3.188
2nd Quarter 2003	4.80	13.26	47.24	76.24	460.14	0.734	2.215
3rd Quarter 2003	10.68	14.64	49.16	131.54	415.17	0.622	3.420

1. UNCLASSIFIED
2. INCLUDES MISCELLANEOUS METAL

EXHIBIT B

METRIC UNITS
CALIFORNIA DEPARTMENT OF TRANSPORTATION
AVERAGE HIGHWAY
CONTRACT PRICES

	<u>ROADWAY EXCAVATION</u> " 1 "	<u>AGGREGATE BASE</u> PER TONN	<u>ASPHALT CONCRETE PAVEMENT</u> PER TONN	<u>PCC PAVEMENT</u> PER M3	<u>CLASS "A" PCC STRUCTURE</u> PER M3	<u>BAR REINFORCING STEEL</u> PER KG	<u>STRUCTURAL STEEL</u> " 2 " PER KG
1972	1.24	3.54	9.06	25.15	107.36	0.351	0.983
1973	0.98	3.46	9.94	25.16	122.42	0.373	1.400
1974	1.65	4.66	14.34	37.39	150.66	0.725	2.176
1975	1.56	5.18	15.70	40.06	172.78	0.527	1.847
1976	1.73	5.18	15.07	38.77	187.10	0.492	1.111
1977	2.30	6.00	16.70	46.00	196.23	0.527	2.707
1978	2.42	6.81	19.51	54.63	236.44	0.608	1.795
1979	3.09	8.26	24.69	68.52	306.37	0.844	4.321
1980	2.75	9.24	28.12	72.17	307.96	0.833	4.281
1981	4.11	9.51	31.45	77.76	296.70	0.851	4.610
1982	3.37	8.33	27.22	74.68	293.92	0.705	4.751
1983	2.75	10.14	30.39	68.07	295.39	0.739	4.751
1984	4.17	15.07	31.28	72.97	311.92	0.827	4.751
1985	3.62	12.73	33.23	83.88	303.95	0.911	5.044
1986	3.94	14.07	31.77	79.12	326.65	0.908	5.265
1987	3.88	19.37	30.36	92.37	366.75	0.922	5.613
1988	5.44	11.17	30.27	76.72	372.18	0.970	8.721
1989	5.48	11.71	32.44	96.50	396.95	1.065	6.841
1990	6.19	13.28	33.92	90.16	386.16	1.034	4.870
1991	4.03	11.10	36.85	81.93	386.12	0.950	5.035
1992	4.73	10.76	35.78	87.34	347.01	0.924	6.775
1993	5.93	10.90	39.03	87.32	318.87	1.023	5.966
1994	6.12	11.45	40.95	86.91	363.51	1.206	5.146
1995	5.36	11.22	38.90	83.51	390.82	1.100	4.996
1st Quarter 1996	4.05	9.76	44.28	89.95	379.37	1.008	3.829
2nd Quarter 1996	5.66	10.53	40.95	70.22	406.20	1.182	5.644
3rd Quarter 1996	4.75	12.22	41.20	86.27	430.77	1.076	5.146
4th Quarter 1996	10.99	11.27	42.39	115.73	443.42	1.186	6.014
Year 1996	5.09	10.74	41.51	86.23	421.00	1.129	4.788
1st Quarter 1997	7.57	11.53	43.05	325.31	492.29	1.345	4.519
2nd Quarter 1997	4.97	10.82	37.73	100.29	350.11	0.979	7.535
3rd Quarter 1997	10.76	11.45	41.99	115.75	392.65	1.184	4.894
4th Quarter 1997	11.50	13.03	43.93	99.93	463.67	1.120	5.578
Year 1997	6.87	11.35	39.76	102.65	403.56	1.094	5.152
1st Quarter 1998	5.55	10.33	39.03	87.62	370.99	1.003	3.933
2nd Quarter 1998	6.16	13.37	41.48	117.30	439.82	1.400	6.532
3rd Quarter 1998	10.97	13.68	49.86	132.85	472.99	1.268	6.058
4th Quarter 1998	5.17	13.44	47.20	108.56	416.20	1.144	4.862
Year 1998	6.47	12.73	42.75	99.29	418.48	1.219	5.721
1st Quarter 1999	8.08	13.16	44.16	74.64	361.09	1.153	8.583
2nd Quarter 1999	8.30	14.04	44.78	123.68	433.08	1.069	6.969
3rd Quarter 1999	11.50	15.36	43.88	102.39	626.53	1.418	5.924
4th Quarter 1999	4.23	13.47	43.91	125.37	346.51	1.225	10.194
Year 1999	8.57	14.17	44.24	101.95	420.15	1.148	7.088
1st Quarter 2000	8.27	15.02	48.31	152.91	609.09	1.128	7.431
2nd Quarter 2000	9.87	12.51	49.99	89.09	599.48	1.341	9.871
3rd Quarter 2000	5.92	12.64	48.97	107.70	425.63	1.169	6.848
4th Quarter 2000	10.91	11.25	51.71	95.75	401.31	1.073	5.532
Year 2000	8.12	12.28	49.73	102.21	475.55	1.118	6.071
1st Quarter 2001	5.02	14.61	45.20	91.48	552.57	1.483	11.329
2nd Quarter 2001	7.77	19.41	51.06	135.62	357.82	1.342	6.831
3rd Quarter 2001	11.38	15.86	55.39	79.27	472.08	1.367	9.565
4th Quarter 2001	12.64	15.00	44.10	123.01	660.46	1.321	8.213
Year 2001	7.63	16.07	48.39	99.06	556.10	1.349	8.612
1st Quarter 2002	7.13	12.59	51.22	88.13	508.37	1.095	5.292
2nd Quarter 2002	4.15	14.52	53.46	88.42	453.74	1.099	6.724
3rd Quarter 2002	14.09	13.36	54.63	146.20	415.65	1.201	10.544
4th Quarter 2002	7.07	14.11	55.80	182.45	483.82	1.126	7.191
Year 2002	6.32	13.70	54.01	96.99	475.44	1.120	7.160
1st Quarter 2003	16.29	13.19	55.08	160.54	445.40	1.111	7.028
2nd Quarter 2003	6.28	14.61	52.07	99.72	601.84	1.619	4.884
3rd Quarter 2003	13.97	16.14	54.19	172.05	543.03	1.371	7.539

1. UNCLASSIFIED
2. INCLUDES MISCELLANEOUS METAL

